

INSTALLATION INSTRUCTIONS FOR FREESTYLE LINEAR SPRING U-BRAKES

1. Ensure that brake levers are properly installed.
2. Pad / rim clearance can be further adjusted by turning brake lever adjusting barrel.

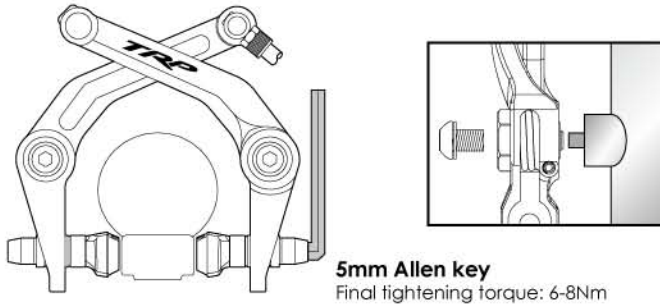
Tools You'll Need:

- 2mm Allen Key – for micro tension adjusters
- 5mm Allen Key – for all other bolts

For questions about setup, usage or general inquiries, please e-mail or call toll free at:

A - Installation of the brake

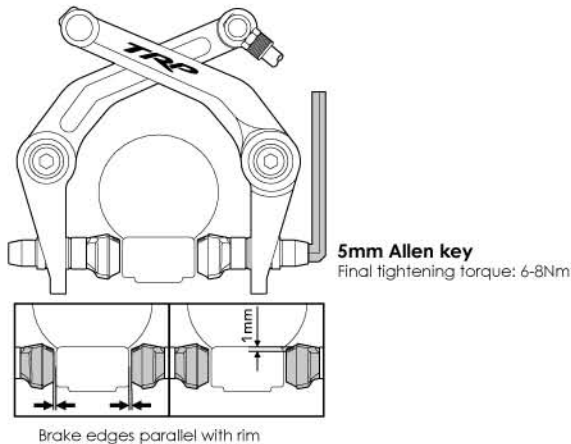
Clean and grease fork pivot bosses. Turn brake lever adjusting barrel so barrel is approximately half way out. Install brake arms and mounting bolts (do not fully tighten) onto pivot bosses. Open brake arms to fullest extent so pads are as far from rim as possible, then fully tighten mounting bolts.



5mm Allen key
Final tightening torque: 6-8Nm

B - Brake shoe setting position

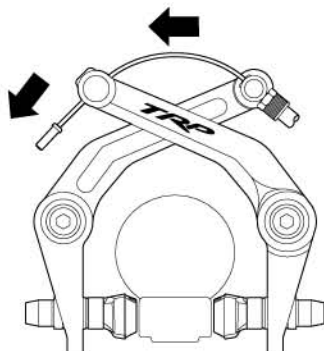
To correctly align brake-pads, loosen brake-shoe bolts and hold each pad, one at a time, against the rim while making sure there is a gap of 1mm between the top of the rim and the top of the pad. Fully retighten brake-shoe bolts.



5mm Allen key
Final tightening torque: 6-8Nm

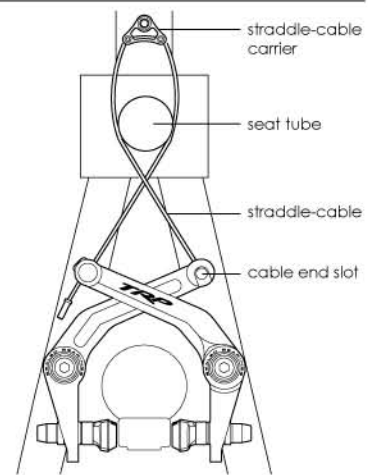
C - Cable connection

Run brake cable down left fork leg, looping it back up to place cable-housing into adjustable housing-stop on brake arm. Insert inner cable through housing-stop, over the top of the brake and through anchor-bolt hole. Holding brake arms together so both pads are touching rim, take up inner-cable slack and tighten anchor bolt.



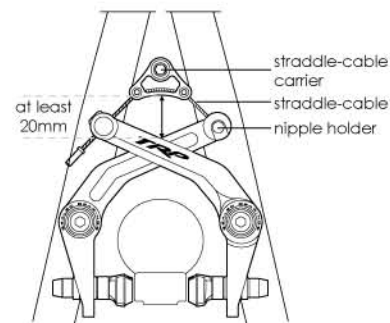
D - straddle cable carrier in front of seat tube

Attach inner brake cable to straddle cable carrier. Insert straddle cable through straddle cable carrier and around seat tube guides. Place straddle cable nipple into brake arm nipple holder and insert the other through anchor bolt hole. Holding brake arms down so both pads are touching the rim, take up straddle cable slack and tighten anchor bolt. Final tightening torque: 6-8Nm.



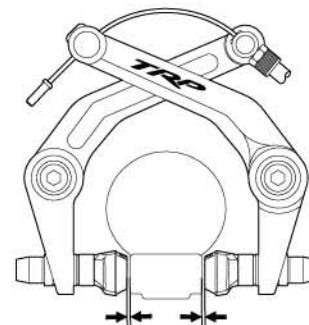
D1 - straddle cable carrier behind seat tube

Attach inner brake cable to straddle cable carrier. (when brake arms are fully open so pads are as far from rim as possible, straddle cable carrier should be at least 20mm from brake arms.) Insert straddle cable through straddle cable carrier. Place straddle cable nipple holder and insert the other end through anchor bolt hole. Holding brake arms down so both pads are touching rim, take up straddle cable slack and tighten anchor bolt. Final tightening torque: 6-8Nm.



E - Readjustment the clearance of the shoe

Tighten brake lever adjusting-barrel so combined pad-rim clearance is 2-3 mm. If clearance is not 1mm each side it will be balanced out. Crimp end-cap onto cable end. Balance brake arms by turning micro tension adjusters. Depress brake lever a few times while checking to see that tension is equal for both arms. Pad/rim contact should occur at the same time each side. Clearance should be 1mm each side. **Do not set tension too high as it will impair performance and damage tension springs.**



QUESTIONS?

For questions about setup, usage or general inquiries, please e-mail or call toll free at:

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